

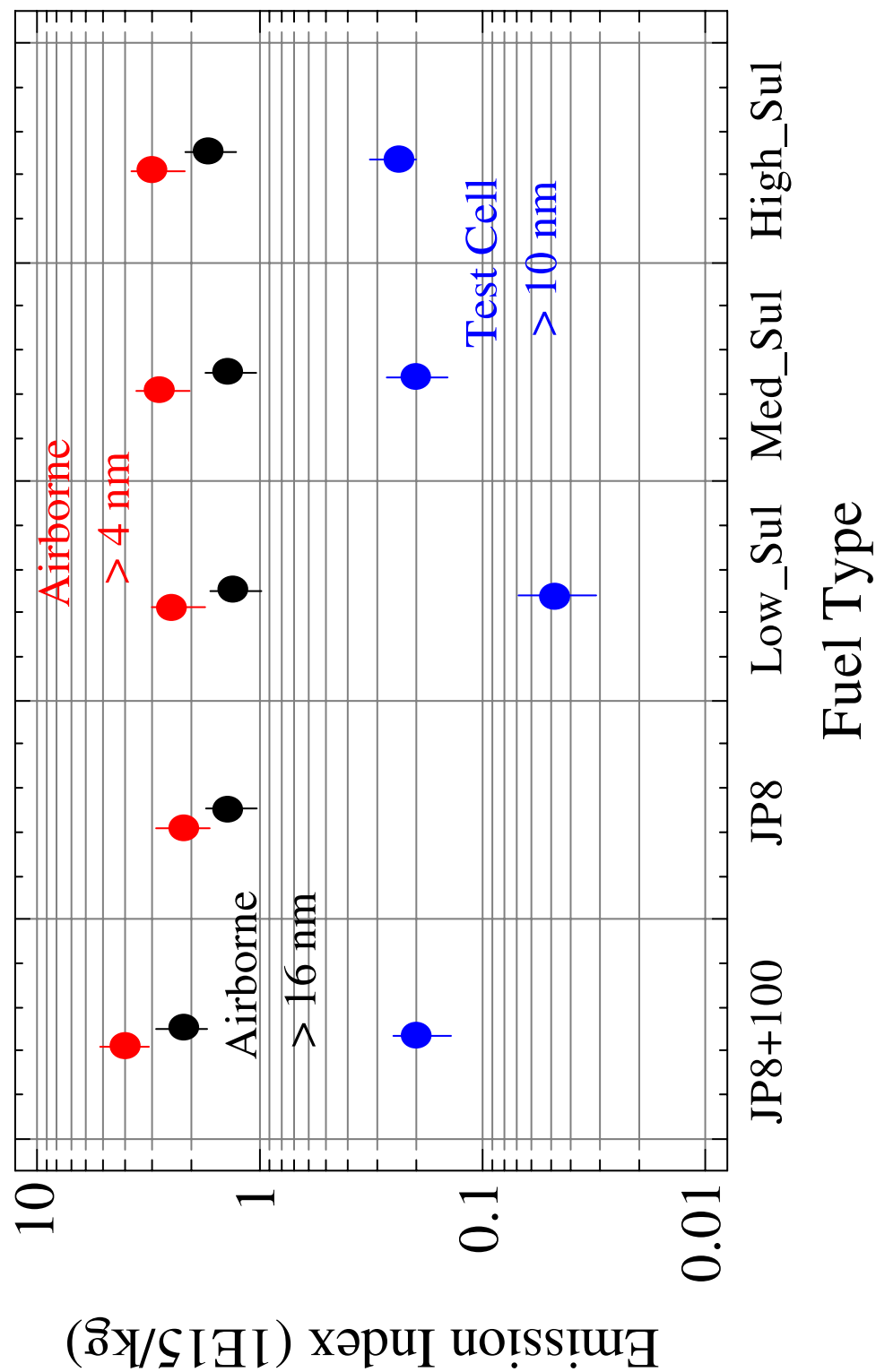
Factors to Consider in Designing Aerosol Inlet Systems for Engine Exhaust Plume Sampling

Bruce Anderson

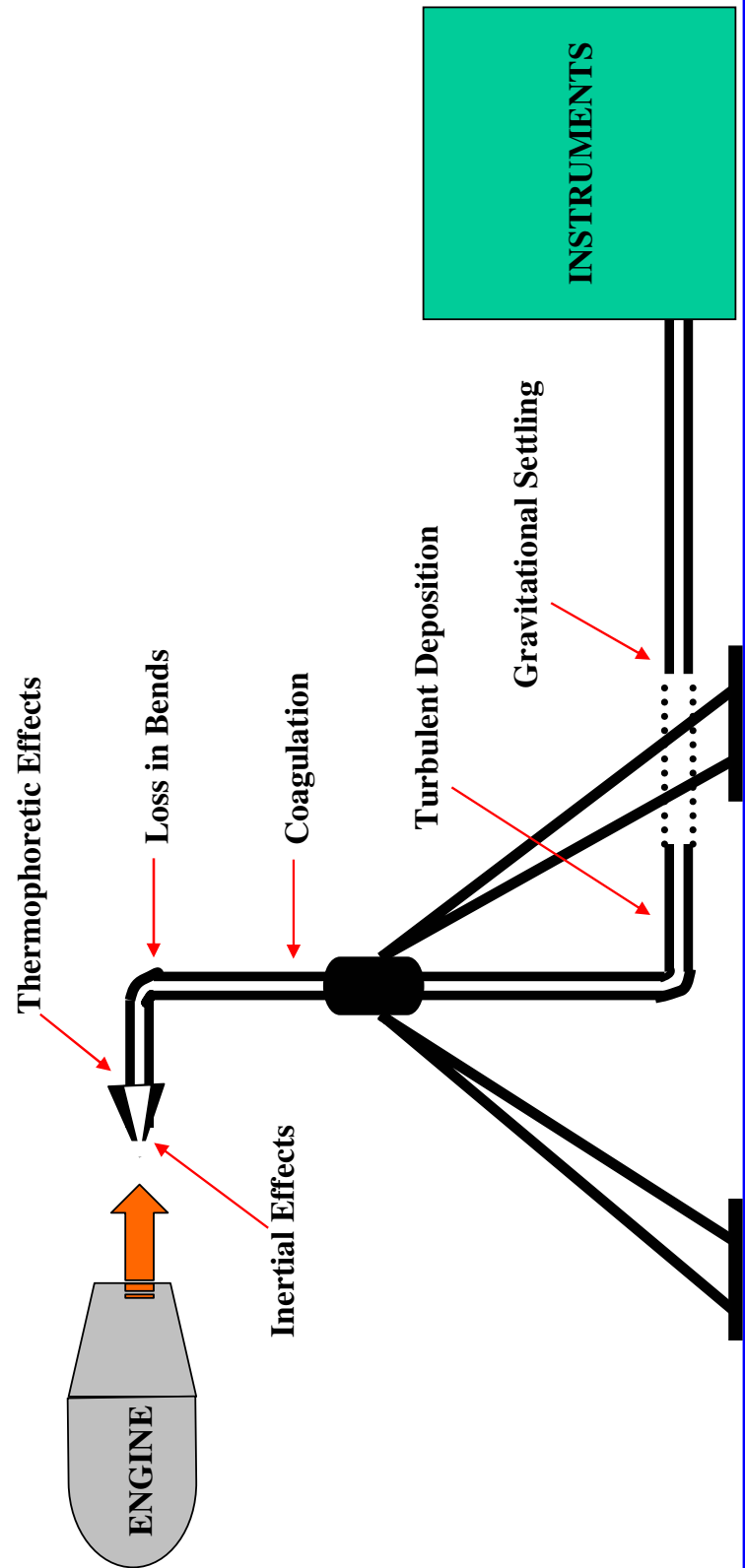
Atmospheric Sciences

NASA Langley Research Center

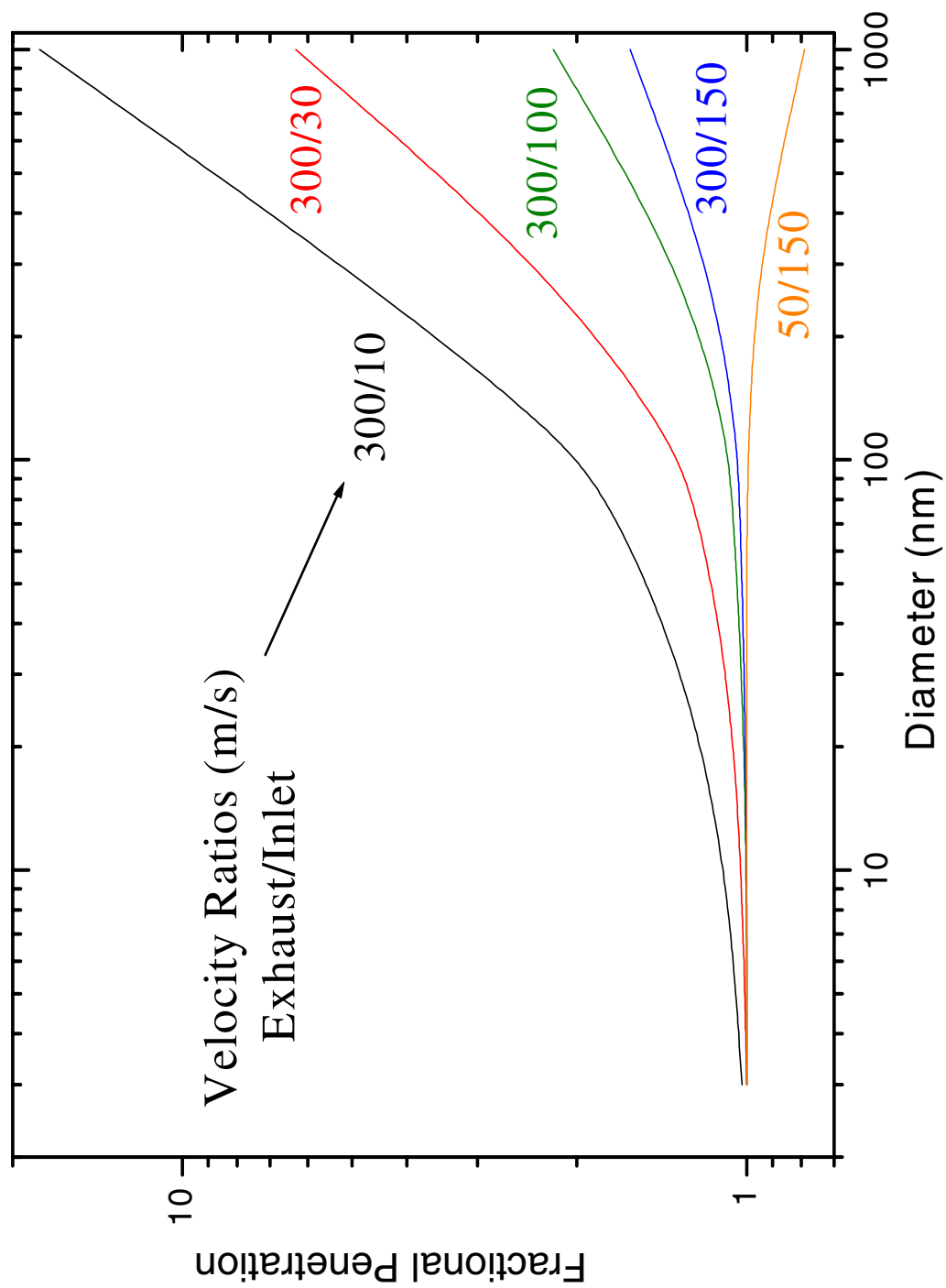
F100 Particulate Emissions

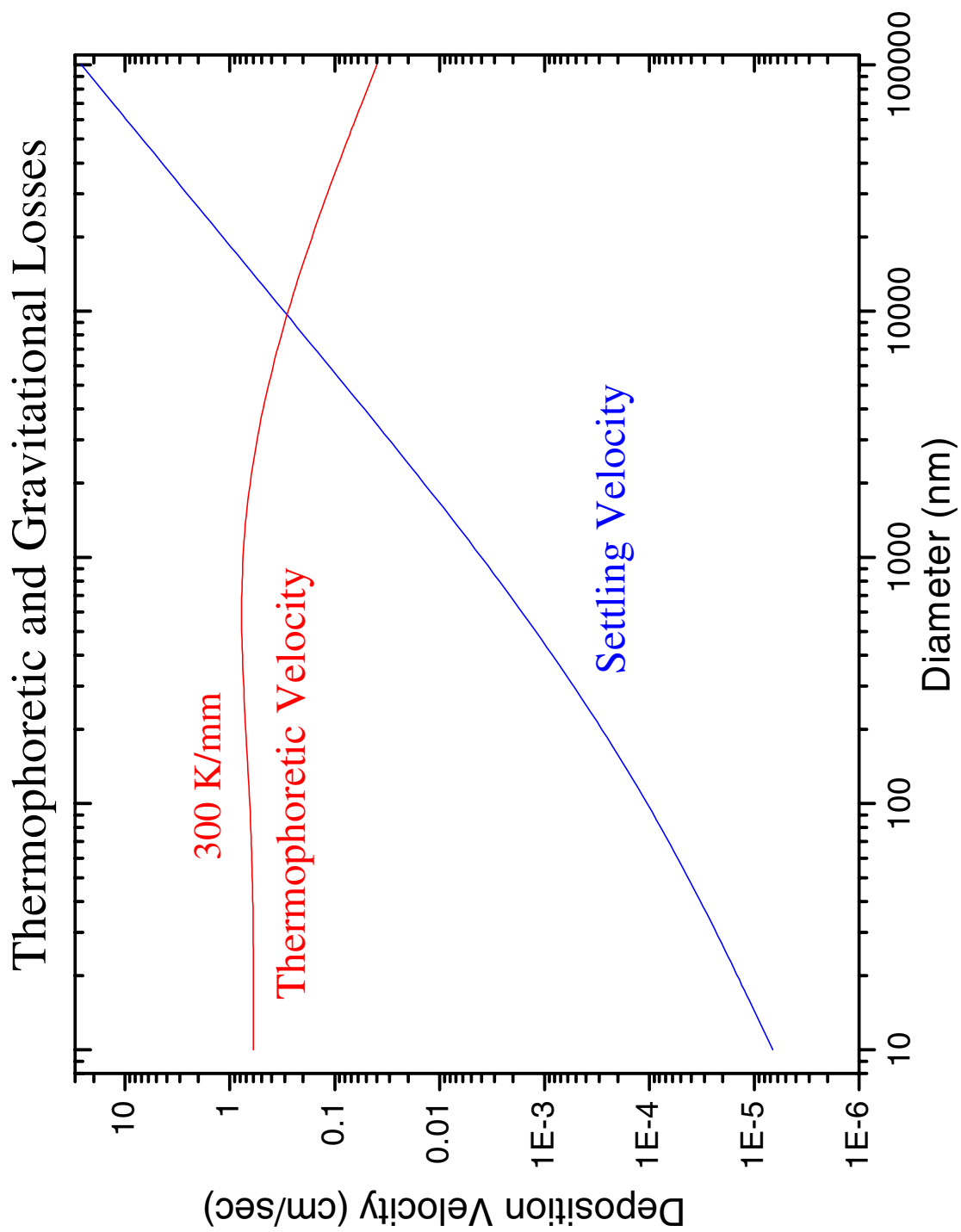


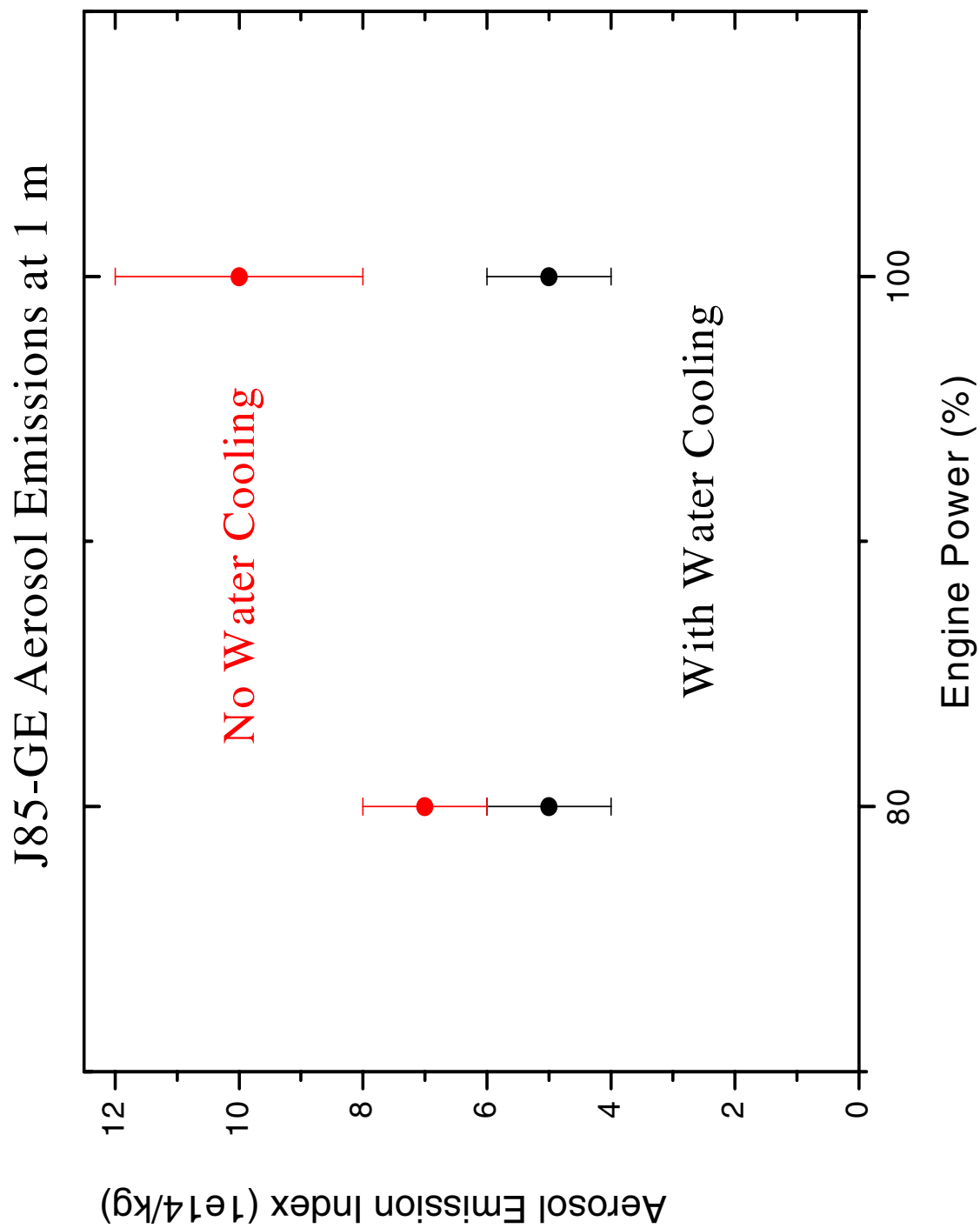
Processes Influencing Particle Size and Concentration

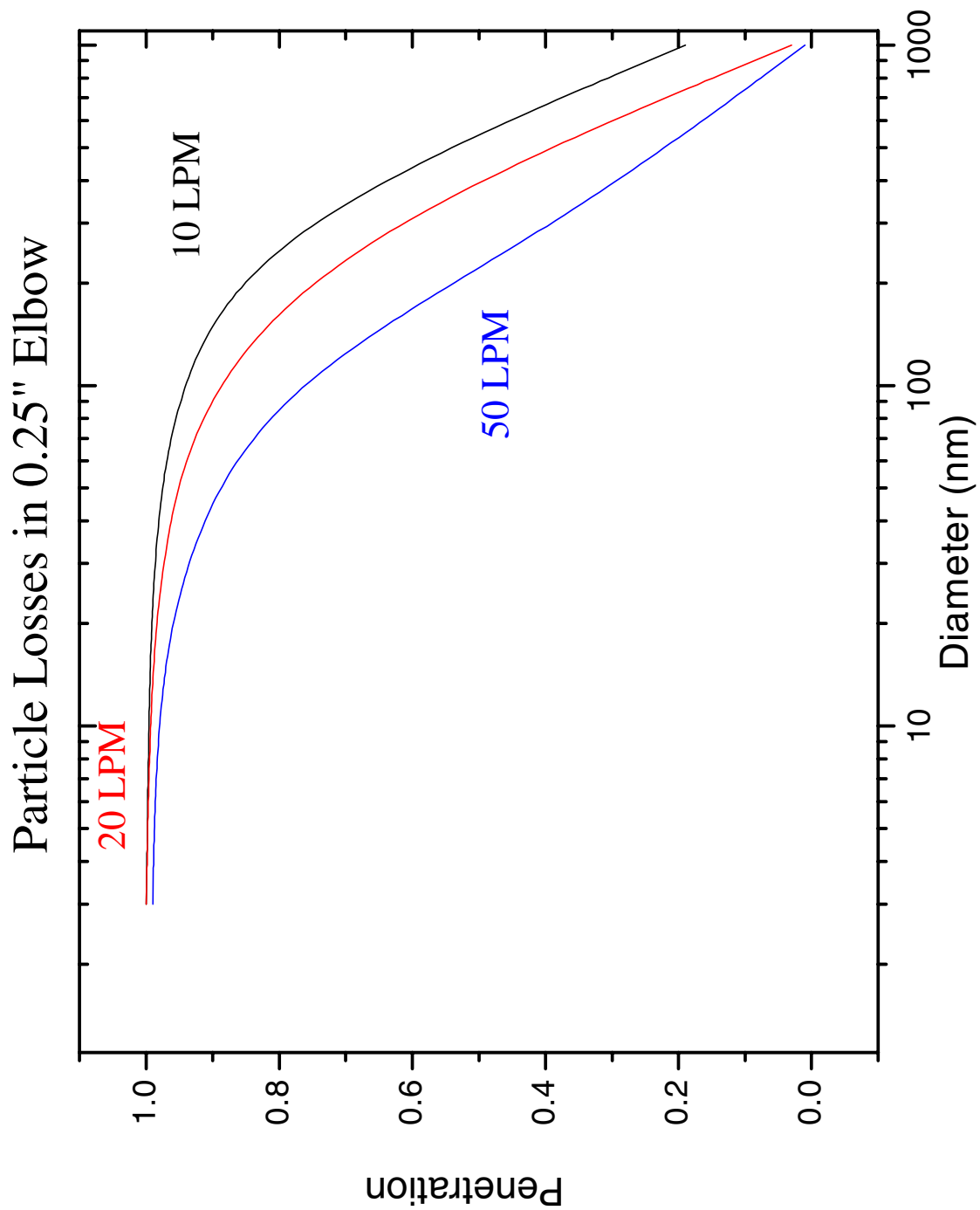


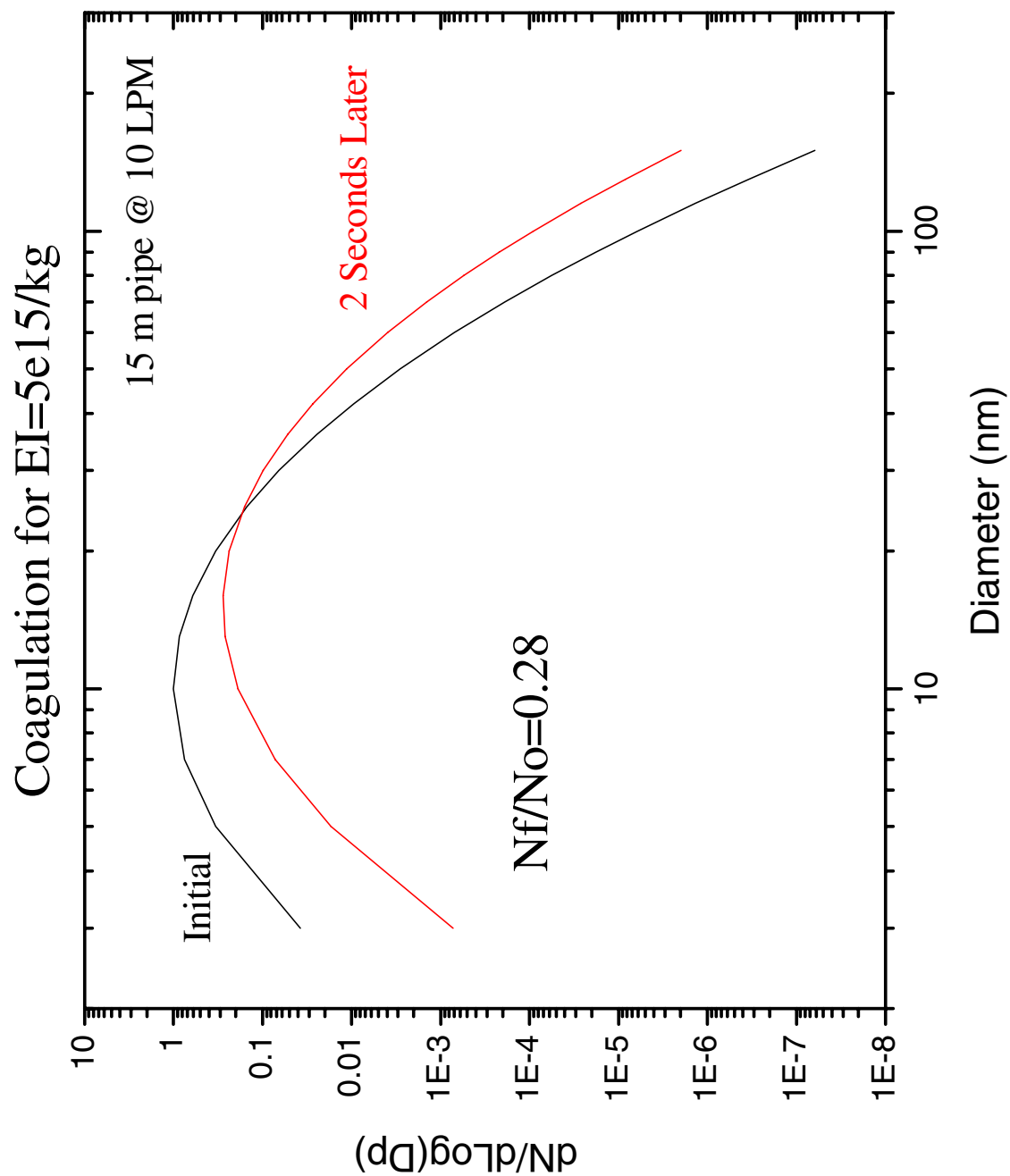
Effects of Non-isokinetic Sampling

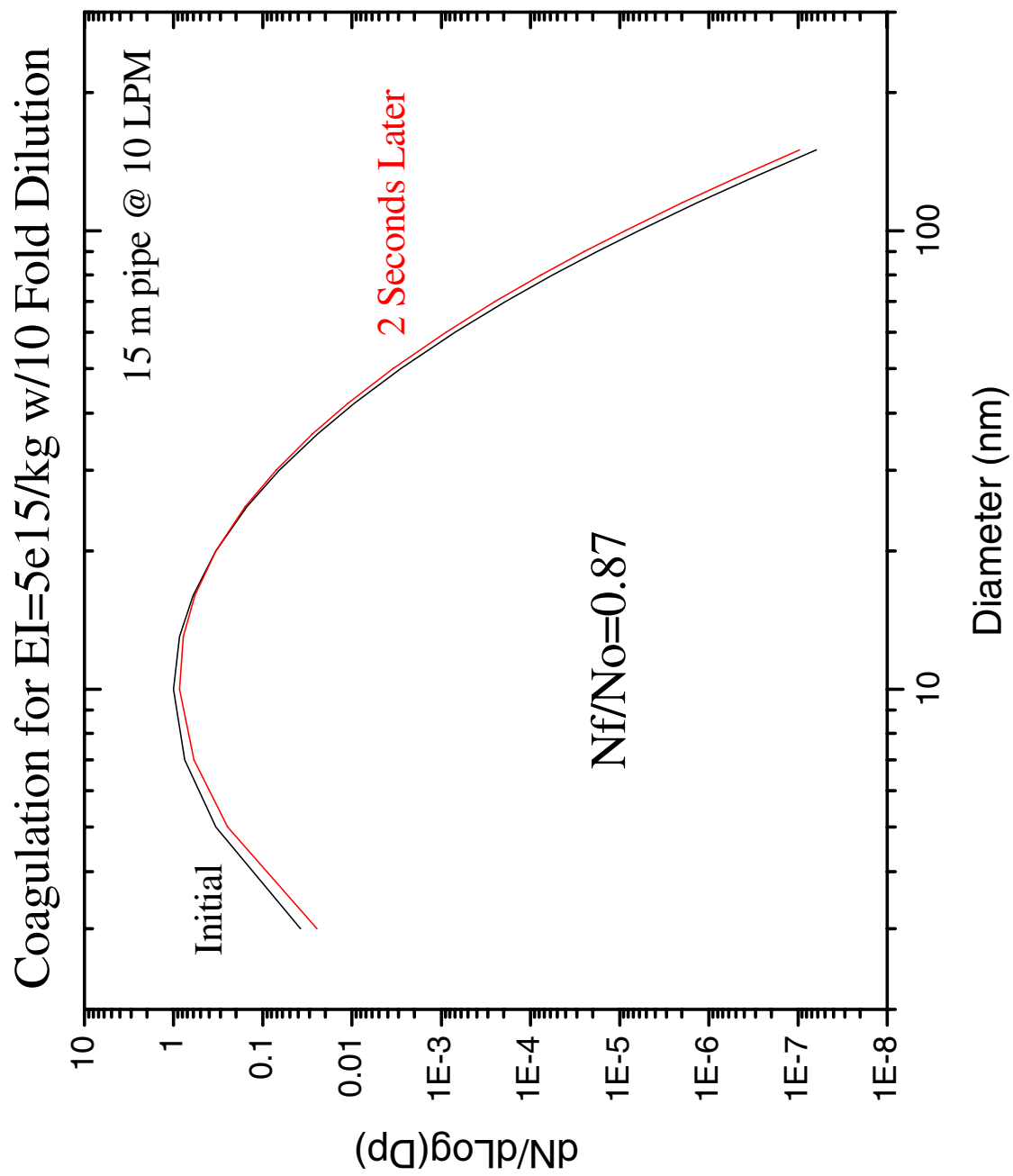




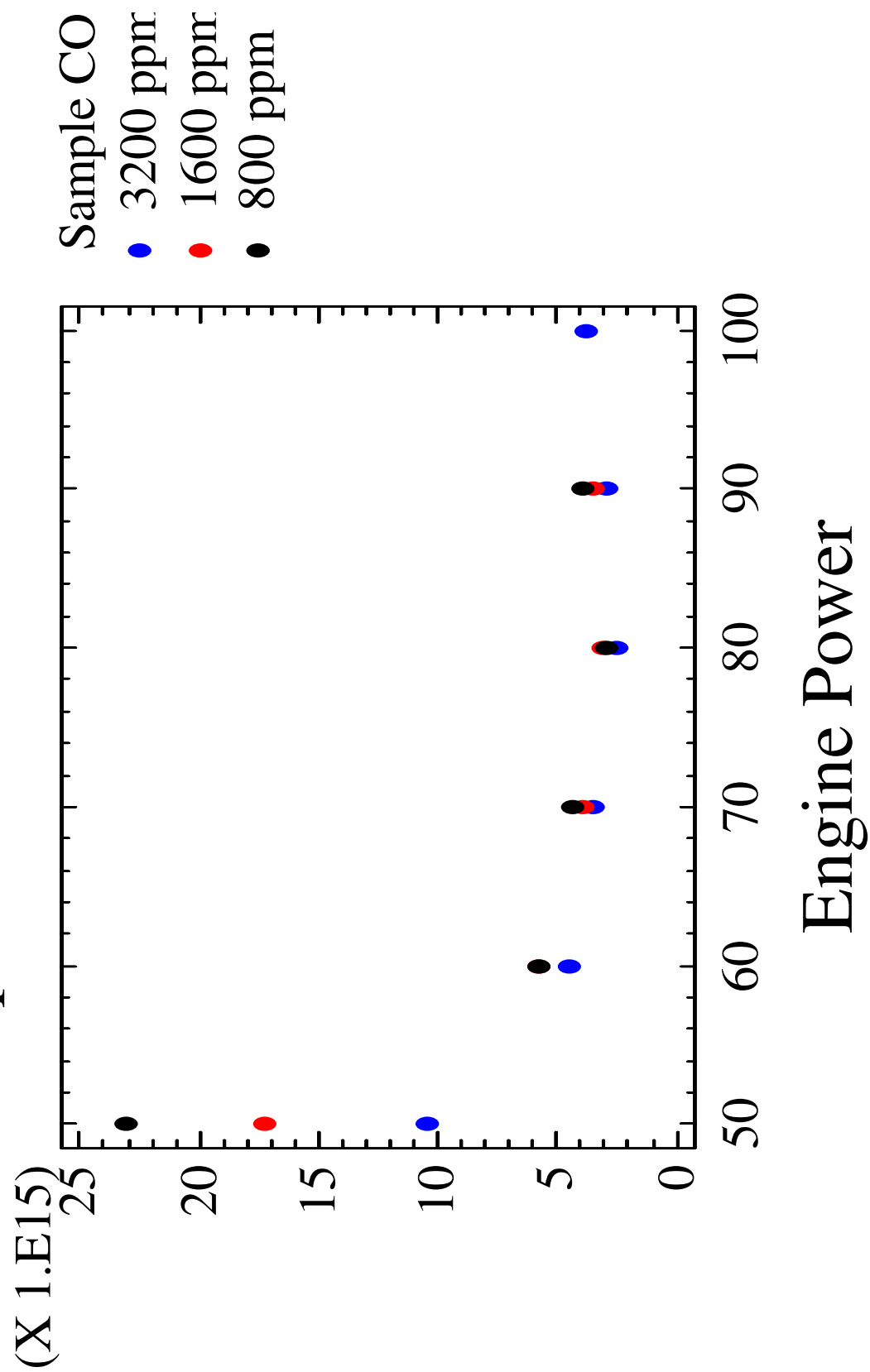


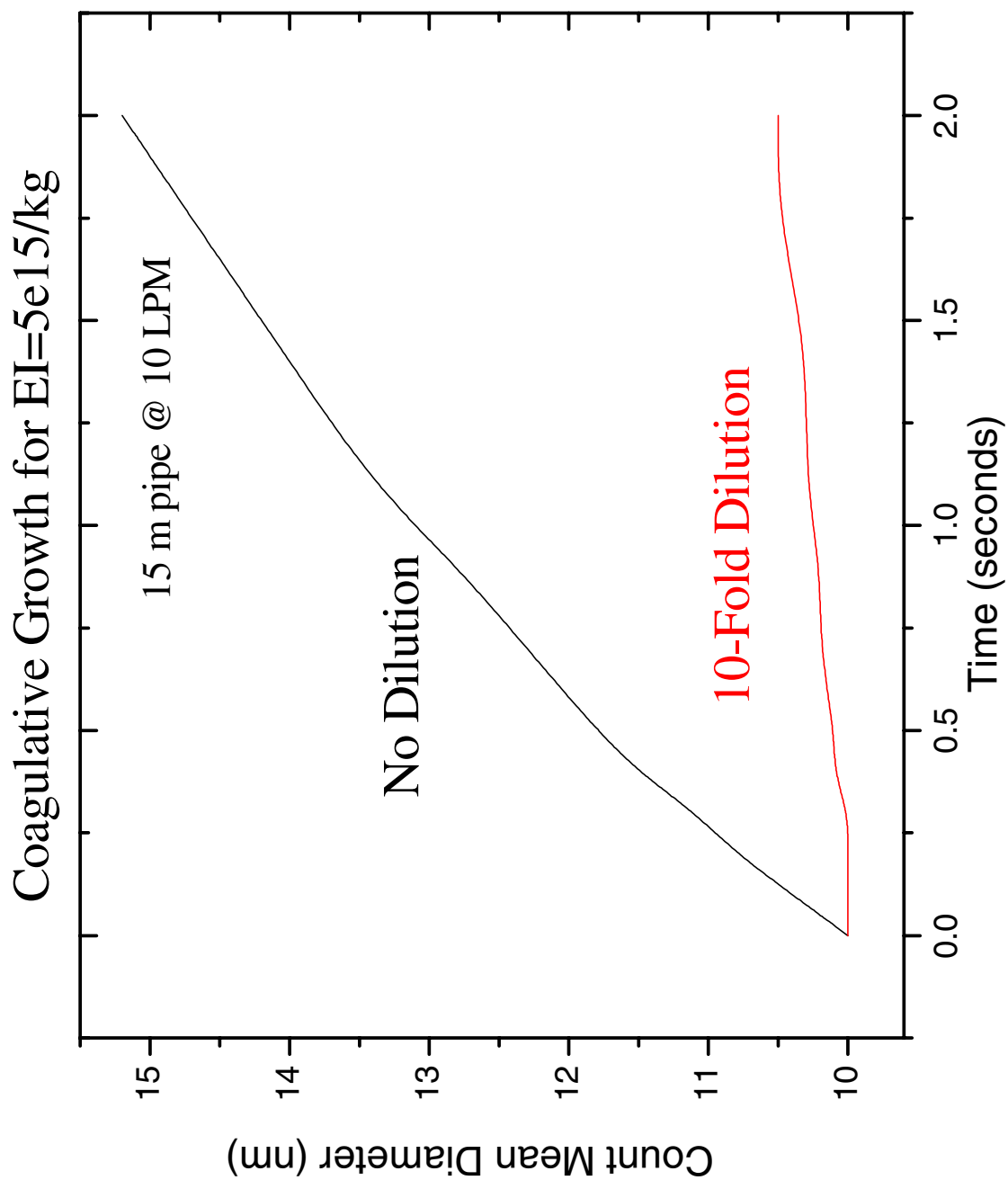


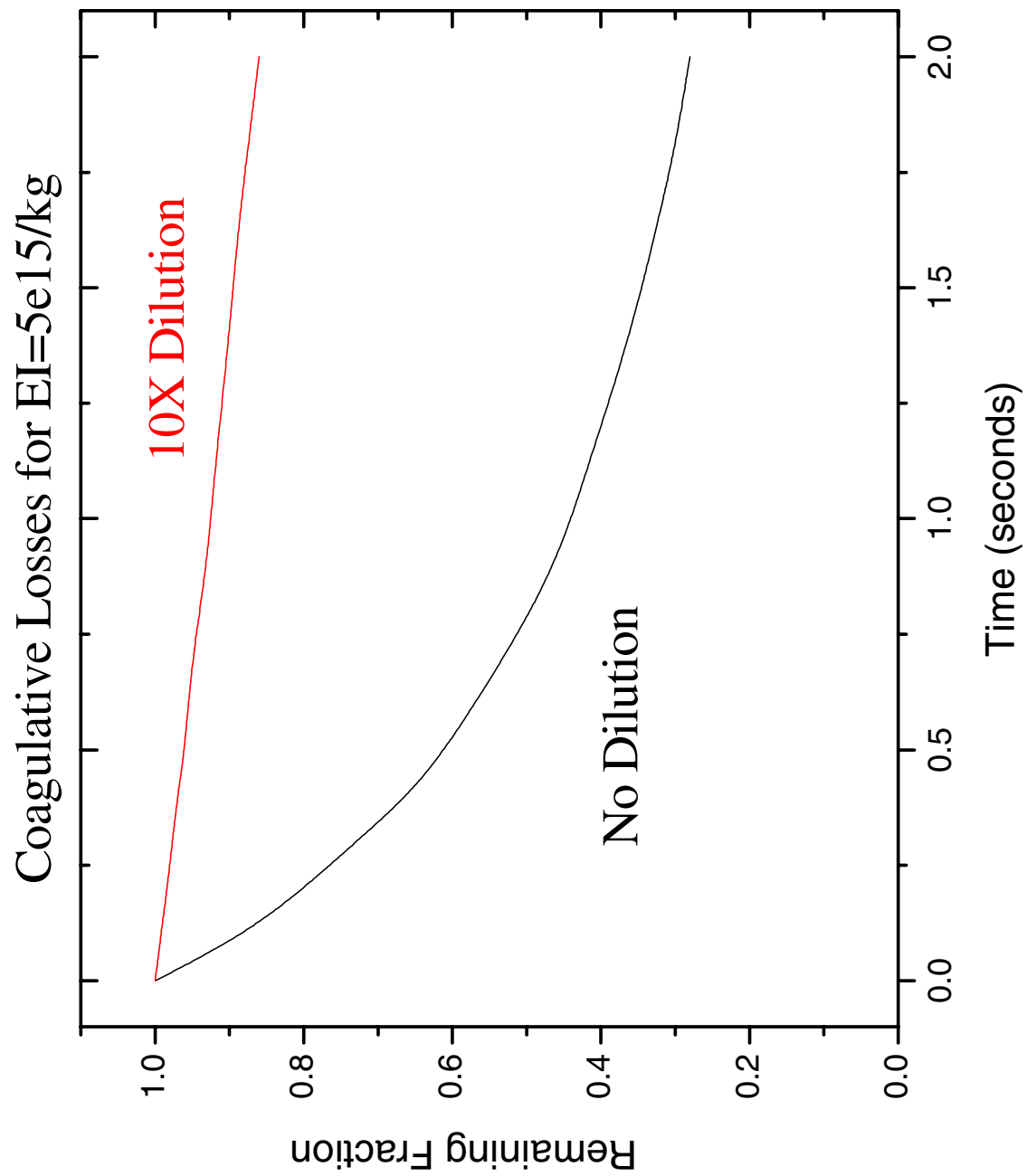


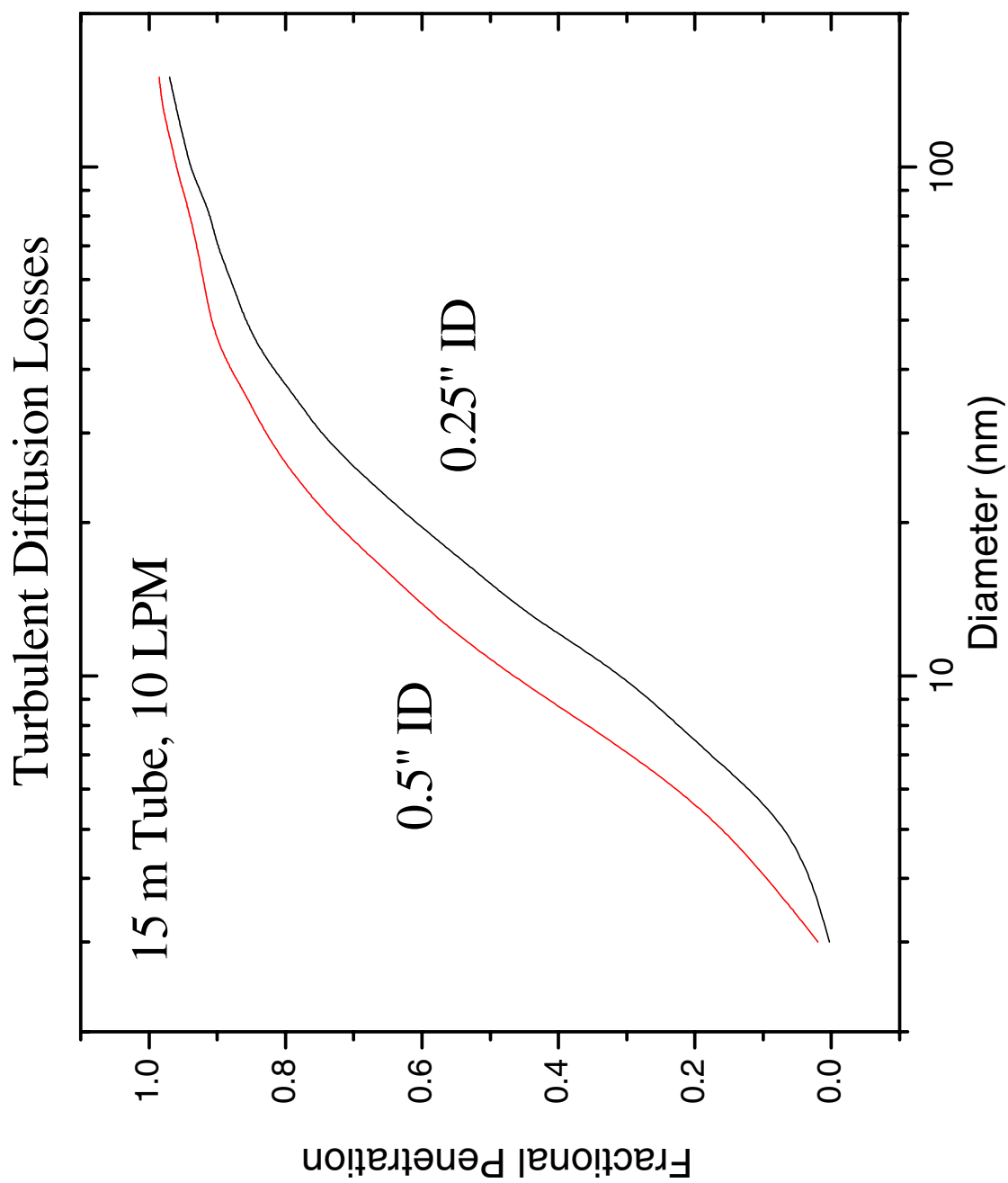


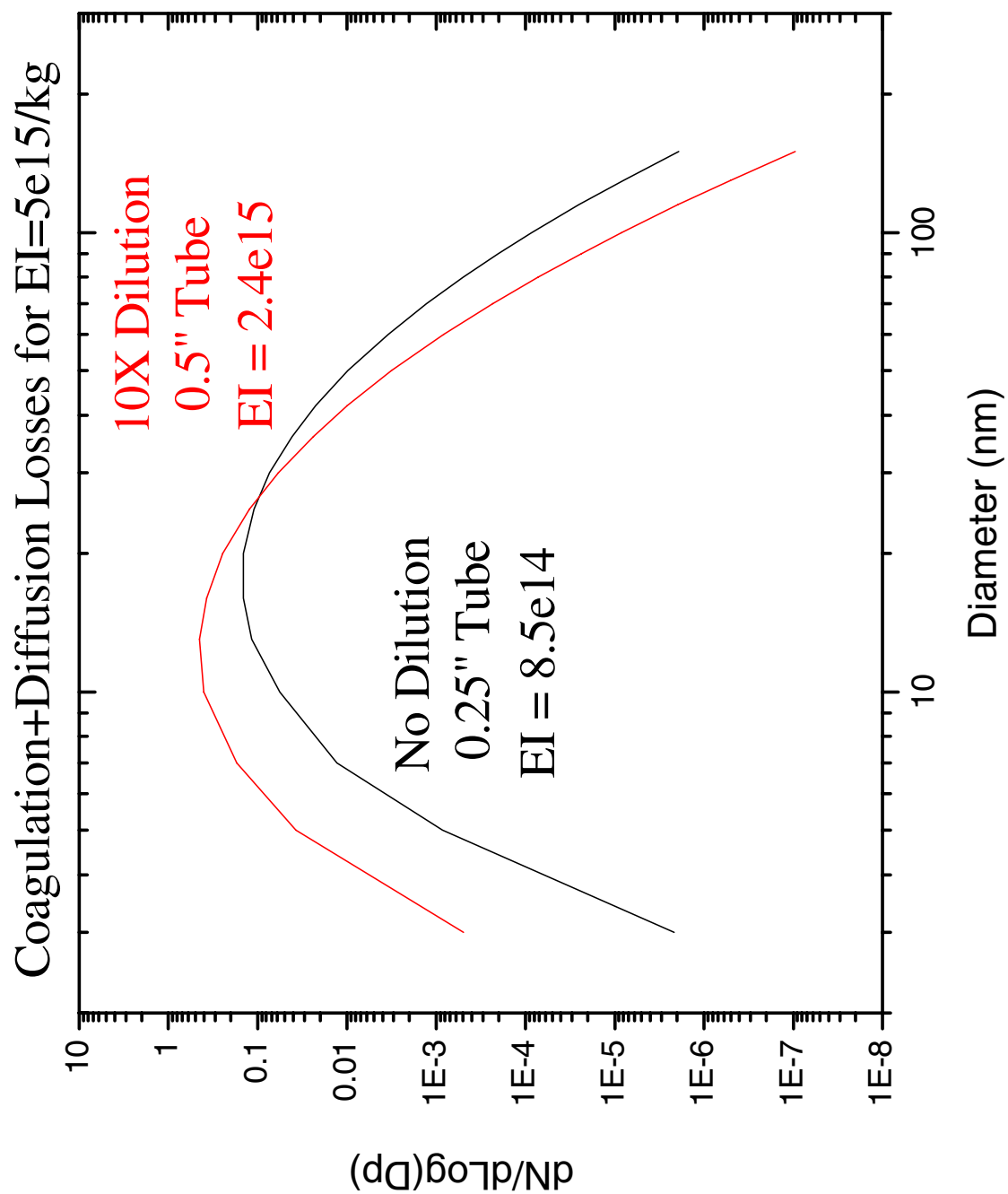
Impact of Dilution on EI



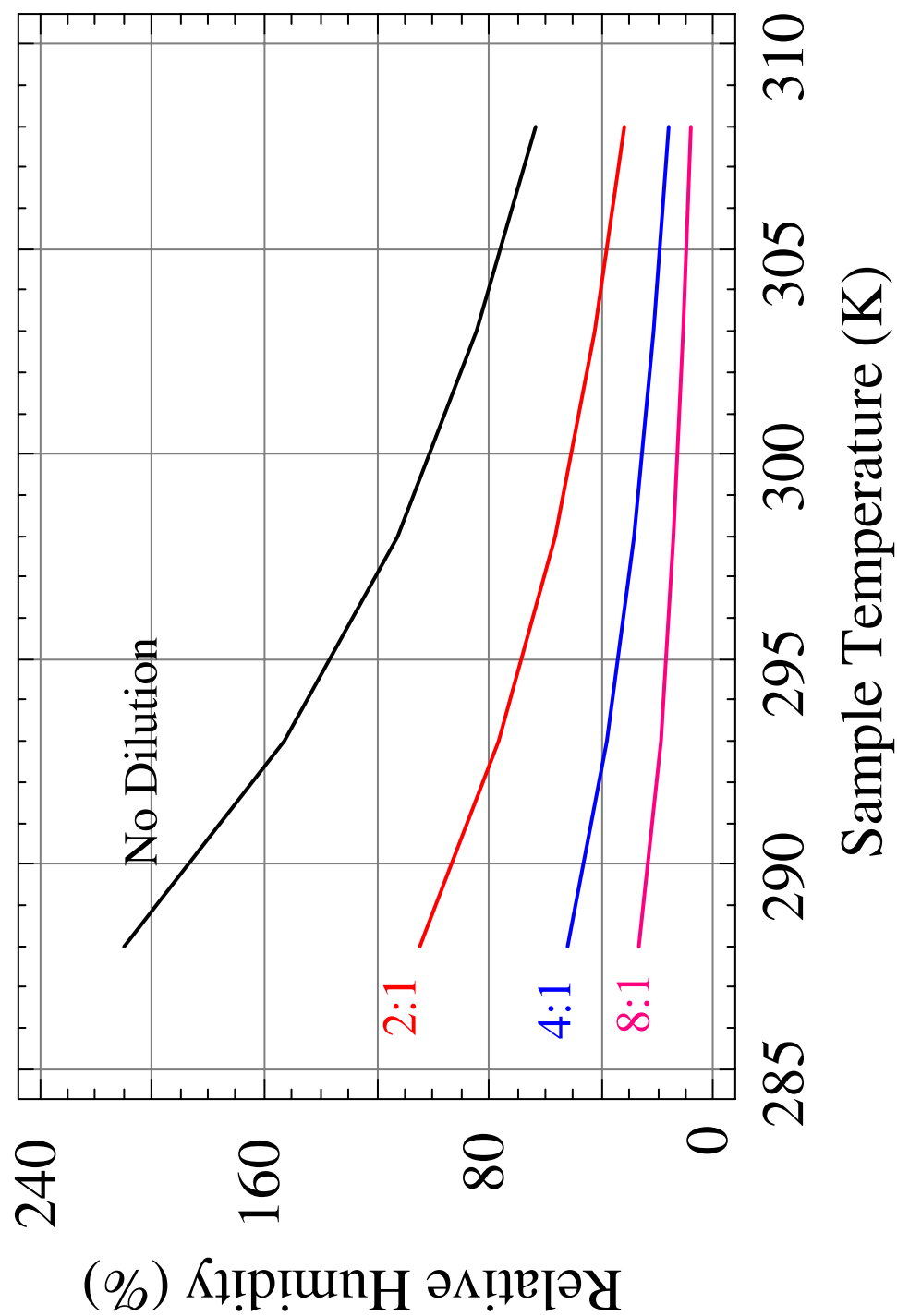








Relative Humidity of Sample 100 % Power Setting



Condensation of Volatile Species

FSC 1820 ppm, 1.3 epr, 1m

